I CLAIM

1. A computer system, comprising:

a processor generating data output;

a hard disk drive adapter forming an intermediate adapter connected to receive the data output from said processor and configured to write the data output to a plurality of channels;

a plurality of data storage devices each connected to a respective channel of said hard disk drive adapter and connected to receive and store the data output; and

wherein said intermediate adapter is configured to archive the data from one of said channels to another one of said channels defined as a backup channel, substantially without intervention and resource utilization of said processor.

2. The computer system according to claim 1, wherein said processor is a central processor with a hard disk drive connector communicating with said intermediate adapter.

3. The computer system according to claim 1, which comprises a plurality of interfaces each for communicating with a respective one of said storage devices, and means for archiving data from one of said storage devices to another one of said storage devices designated a backup storage device.

4. The computer system according to claim 3, wherein said backup storage device has a storage capacity several times larger than said source device.

5. The computer system according to claim 4, wherein said intermediate adapter is configured to effect automatic data backup to said backup storage device.

6. The computer system according to claim 3, wherein said backup storage device is a partitioned drive with a partition size substantially corresponding with a size of said one storage device, and said intermediate adapter is configured to alternatingly back up data from said one storage device to individual partitions of said backup storage device.

7. The computer system according to claim 3, wherein said backup storage device has a partition for each of a plurality of days of the week, and said intermediate adapter is configured to back up data on given days of the week to the respective said partition on said backup storage device.

8. In a computer system having a processor generating data output and at least one data storage device for receiving and storing the data output, the improvement which comprises:

a plurality of data storage devices including a main storage device and a backup storage device with a storage capacity two or more times larger thana storage capacity of said main storage device;

an intermediate adapter connected between the processor and said data storage devices for receiving the data output from the processor and for outputting the data to said data storage devices;

said intermediate adapter being configured for distributing the data output to a plurality of channels by calculating an actual storage location on said data storage device; and

a plurality of connections connecting each of the channels to a respective one of said data storage devices.

9. The computer system according to claim 8, wherein said connections are cables or connectors connecting said channels of said intermediate adapter to said data storage devices.

10. The computer system according to claim 8, wherein said intermediate adapter is entirely transparent to an operation of the computer system and said storage device.